



File No.: 10326-71US KPM/en

Montreal, Canada
March 18, 2002

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IN THE UNITED STATES PATENT AND TRADEMARKS OFFICE

In re Application of

Ho Fan JANG et al

For: Method and Apparatus for Measuring Fibre Properties

S.N.: 10/015,787

Filed: Decembe 17, 2001

Art Unit: ---

Examiner: ---

The Assistant Commissioner for Patents
Washington, D.C. 20231
USA

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INFORMATION DISCLOSURE STATEMENT

Sir:

Form PTO-1449 and the identified references are being submitted concurrently.

The references submitted are all included in the list of references at pages 22 and 23 of the specification.

The claims are believed to fully distinguish over the references but in any event, it is anticipated that the Examiner will make an independent assessment and conduct an independent search.

Favorable consideration of the application is requested.

Respectfully,

Ho Fan JANG et al

By:

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Date: March 18, 2002

Encls.

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Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/015,787		
		Filing Date	December 17, 2001		
		First Named Inventor	Ho Fan JANG et al		
		Group Art Unit	---		
		Examiner Name	---		
Sheet	2	of	2	Attorney Docket Number	10326-71US KPM/en

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Seth, R.S. "Fibre Quality Factors in Papermaking-II. The Importance of Fibre Coarseness", in MRS Symposium Proceedings, Materials Research Society, Pittsburgh, P.A., Vol. 197, pp. 143-161 (1990)	
		Paavilainen, L. "Importance of Cross-Dimensional Fibre Properties and Coarseness for the Characterization of Softwood Sulphate Pulp", Paperi ja Puu 75(5): 343 (1993)	
		Jang, H. F., Robertson, A.G., and Seth, R.S., "Transverse Dimensions of Wood Pulp Fibres by Confocal Laser Scanning Microscopy and Image Analysis", J. Mater. Sci. 27: pp. 6391 – 6400 (1992).	
		Seth, R.S., Jang, H.F., Chan, B.K., and Wu, C.B., "Transverse dimensions of wood pulp fibres and their implication for end use", in The Fundamentals of Papermaking Materials: Transactions of the Eleventh Fundamental Research Symposium held at Cambridge: September 1997, edited by C.F. Baker, PIRA International, Leatherhead, UK, pp. 473-503 (1997)	
		Boyer, B., and Rudie, A., "Measurement of delignification diversity within kraft pulping processes", in TAPPI Proceedings, Pulp Conference, pp. 765 – 770 (1995)	
		Liu, Y., Gustafson, R., Callis, J., and McKean, W., "Fluorescence microphotometry in determining the lignin content of single pulp fibres", Preprints, 9 th International Symposium on Wood and Pulping Chemistry, Montreal, pp. T2-1 – T2-5 (1997).	
		Liu, Y., Gustafson, R., Callis, J., and McKean, W., "A novel method to measure fibre kappa number", TAPPI J. 82 (9), pp. 107-111 (1999). Liu, Y., Gustafson, R., Callis, J., and McKean, W., "Microspectroscopic analysis and kappa determination of single pulp fibres stained with acridine orange", J. Pulp Paper Sci. 25(10), pp. 351-355 (1999).	
		Olmstead, J. A. and Gray, D. G., "Fluorescence spectroscopy of cellulose, lignin and mechanical pulps: a review", J. Pulp and Paper Science 23(12), pp. 571-581 (1997)	
		Carlsson, J., Malmqvist, L., Nilsson, C.M. and Persson, W., "Application of optical fluorescence spectroscopy to paper production", Preprints, TAPPI Int. Paper Physics Conference, San Diego, pp. 429 – 436 (1999)	
		Sprent, P., "Applied Nonparametric Statistical Methods", Second edition, Chapman & Hall, New York, 1993	
		G18 – Kappa Number of Pulp", Standard Methods of the Technical Section of the CPPA, Montreal; "T236 –Kappa Number of Pulp", TAPPI Standard Methods, TAPPI PRESS, Atlanta	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached..

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(use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	10326-71US KPM/en
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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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